

**U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET**

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

MDC CONTROL NO. 669

2-16-73

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME E. F. HOUGHTON & COMPANY		EMERGENCY TELEPHONE NO. 213-263-9377 & 9378
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 4224 EAST PACIFIC WAY, LOS ANGELES, CALIF. 90023		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS COSMOLINE 1090	
CHEMICAL FAMILY	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O = 1)	0.882/0.888
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Green -Red Oil. Odor of Mineral Oil		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 400°F. Min. C.O.C.	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA CO₂, Foam, Dry Chemical	Fire Pt. > 450°F		
SPECIAL FIRE FIGHTING PROCEDURES None			

UNUSUAL FIRE AND EXPLOSION HAZARDS

Avoid contact with strong oxidizers.

***PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.**

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not applicable

EFFECTS OF OVEREXPOSURE

Eyes- Mild Irritant.

EMERGENCY AND FIRST AID PROCEDURES

Eyes- Wash with water for 15 minutes, consult physician.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Product is organic. Avoid contact with strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Apply Speedi Dri or similar absorbent to the area.

WASTE DISPOSAL METHOD

Follow local regulations for disposal of waste petroleum oils.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Not required.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
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OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with strong oxidizers.

OTHER PRECAUTIONS

PREPARED BY

2-16-73

DATE

E. F. HOUGHTON & CO.

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